



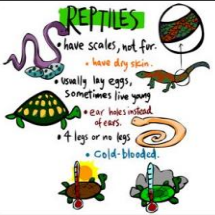



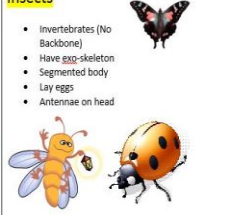


Autumn 1 2019 - Penguins, Possums and Pigs - Animals - Other Animals

Science Knowledge Organiser

KEY VOCABULARY		KEY VOCABULARY	
Classification	Putting animals into groups, according to their similarities	<p>Carnivore</p> 	Animal that eats only meat.
Fish	<ul style="list-style-type: none"> • Live in water • Have scales • Breathe underwater using gills • Have fins and a tail to help them swim • Lay eggs and their babies hatch underwater • Cold blooded 	<p>Herbivore</p> 	Animal that eats only plants.
Reptiles	<ul style="list-style-type: none"> • Dry, scaly skin • Most have 4 legs or flippers (except a snake) • Have babies by laying eggs • Cold blooded 	<p>Omnivore</p> 	Animal that eats both plants and animals

Classification

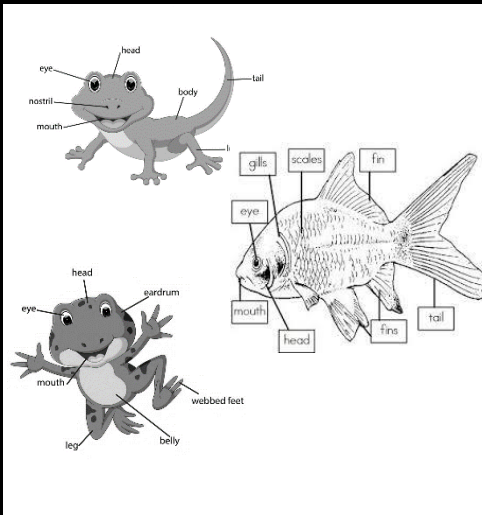
<p>AMPHIBIANS</p> <ul style="list-style-type: none"> • live on land & in water • webbed feet • breathe with lungs & gills • Cold-blooded • moist smooth skin (no hair or fur) • 4 legs (sometimes more) • lay many eggs 	<p>REPTILES</p> <ul style="list-style-type: none"> • have scales, not fur • have dry skin • usually lay eggs, sometimes live young • sometimes live young • ear holes instead of ears • 4 legs or no legs • Cold-blooded 	<p>FISH</p> <ul style="list-style-type: none"> • breathe underwater using gills not lungs • live in water • have scales and fins (no hair or fur) • Cold-blooded • lay MANY eggs 
<p>BIRDS</p> <ul style="list-style-type: none"> • have feathers & wings • lay eggs • have 2 legs • ear holes instead of ears • Warm-blooded 	<p>MAMMALS</p> <ul style="list-style-type: none"> • have hair or fur • give birth to live young • mammal mothers nurse their young with milk • have lungs and not skin on top of their heads • mammals that live on land have 4 legs, and ones that drink milk are warm-blooded 	<p>Insects</p> <ul style="list-style-type: none"> • Invertebrates (No Backbone) • Have exo-skeleton • Segmented body • Lay eggs • Antennae on head 

Which animal
am I?

Amphibians



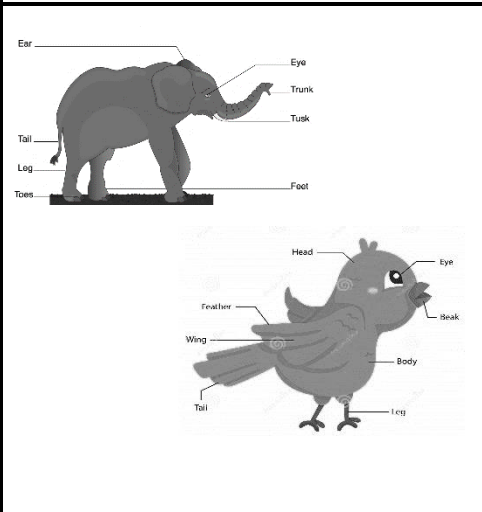
- Moist, slimy skin
- Can live in water and on land
- Lay eggs under water
- Have four legs
- When eggs hatch, the babies live in water
- Cold blooded



Mammals



- Have fur or hair
- Give birth to live babies instead of laying eggs.
- They make milk to feed their babies.
- Mammals have 4 legs, or 2 legs and 2 arms.
- Warm blooded



Birds



- Have feathers and wings
- Most can fly to hunt for food and shelter
- Beaks to eat with
- Have babies by laying eggs
- Warm blooded



What we need to know about animals.

- Identify and name a variety of common animals including some fish, some amphibians, some reptiles, some birds and some mammals.
- Identify and name a variety of common animals that are carnivores, herbivores and omnivores (i.e. according to what they eat).
- Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals,).
- Find out and describe how animals look different to one another.
- Group together animals according to their different features.
- Recognise similarities between animals:
Structure: head, body, way of moving, senses, body covering, tail.
- Animals have senses to explore the world around them and to help them to survive.
- Recognise that animals need to be treated with care and sensitivity to keep them alive and healthy.
- Animals are alive; they move, feed, grow, use their senses and reproduce.